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November 18 2004
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Name:	Firm:	Telephone:	Fax:
To: Examiner John J. Tabone, Jr.	USPTO	703-3058915	703-872-9306
From: Robert H. Nakano		416 601-7852	416 868-0673

In re Application of: John T. CHUAH
Serial No.: 10/025,742
Filed: December 26, 2001
Title: METHOD AND SYSTEM FOR ISOLATION OF A FAULT
LOCATION IN A COMMUNICATION DEVICE IN A
LOOP-BACK PATH
Examiner: John J. TABONE JR.
Art Unit: 2133
Confirmation Number: 1636
Atty's Docket No: T01215-0080 US (123081-339654)

Pursuant to 37 C.F.R. s. 1.8, I certify that the following correspondence is being transmitted via facsimile transmission to the United States Patent Office at telephone number (703) 872-9306 on Nov. 18, 2004.

Signature: BH
Name: Robert H. NakanoDate: Nov. 18, 2004

123081-339654

McCarthy Tétrault LLP TDO-RED #8251697 v. 1

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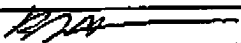
PTO/SB/Z1 (02-04)


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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/025,742	
	Filing Date	December 26, 2001	
	First Named Inventor	John T. Chuah	
	Art Unit	2133	
	Examiner Name	John J. Tabone Jr.	
Total Number of Pages in This Submission	17	Attorney Docket Number	T01215-0080-US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Alter Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Notice of Change of Representative for Applicant
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	McCarthy Tétrault LLP (Customer No. 27155) per Robert H. Nakano (Reg. No. 46,498)	
Signature		
Date	November 18, 2004	

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
Typed or printed name	Robert H. Nakano	
Signature		Date November 18, 2004

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PTO/SB/97 (08-03)

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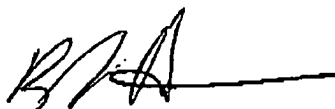
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on November 18, 2004
Date



Signature

Robert H. Nakano (Reg. No. 46,498)

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

1. Transmittal Form PTO/SB21;
2. Fee Transmittal Form PTO/SB17;
3. Notification of Change of Representative;
4. Extension of Time Request PTO/SB22;
5. Response to Office Action dated November 18, 2004.

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**FEE TRANSMITTAL
for FY 2005**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 430.00

Complete if Known

Application Number	10/025,742
Filing Date	December 26, 2001
First Named Inventor	John T. Chuah
Examiner Name	John J. Tabone Jr.
Art Unit	2133
Attorney Docket No.	T01215-0080-US

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

15-0633

McCarthy Tétraut LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	= 0
Multiple Dependent	-3** =	X	= 0

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 88	2201 44	Independent claims in excess of 3	
1203 300	2203 150	Multiple dependent claim, if not paid	
1204 88	2204 44	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	430
1252 430	2252 215	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	
1254 1,530	2254 765	Extension for reply within fourth month	
1255 2,080	2255 1,040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 300	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,370	2453 685	Petition to revive - unintentional	
1501 1,370	2501 685	Utility issue fee (or reissue)	
1502 490	2502 245	Design issue fee	
1503 660	2503 330	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(a)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 430

SUBMITTED BY

Name (Print/Type) Robert H. Nakano

Signature

Registration No.

46,498

(Complete if applicable)

Telephone 416-601-7852

Date

November 18, 2004

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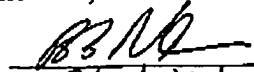
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Signature:
Name:
Robert NakanoDate: November 18, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: John T. CHUAH
Serial No.: 10/025,742
Filed: December 26, 2001
Title: METHOD AND SYSTEM FOR ISOLATION OF A FAULT
LOCATION IN A COMMUNICATION DEVICE IN A
LOOP-BACK PATH
Examiner: John J. TABONE JR.
Art Unit: 2133
Confirmation Number: 1636
Atty's Docket No: T01215-0080 US (123081-339654)

Commissioner for Patents
United States Patent and Trademark Office
220 20th Street South
Customer Window, Mail Stop AMENDMENT
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia

NOTICE OF CHANGE OF REPRESENTATIVE FOR APPLICANT

Dear Commissioner:

Kindly note that by way of a transmittal of November 18, 2004 to Mail Stop Amendment, we are submitting a response to the Office Action mailed on June 18, 2004 in connection with this matter.

Further to a Customer Number Batch Update form dated and mailed April 7, 2004 which included a reference to the captioned application, the undersigned attorney confirms that the contact agent of record, Alfred A. Macchione, has relocated his practice to the firm of:

123081-339654
TDO-RED #8247917 v. 1

Application No. 10/015,574

- 2 -

McCarthy Tétrault LLP
Customer Service #: 27155
Box 48, Toronto Dominion Bank Tower
Suite 4700, 66 Wellington Street West
Toronto, Ontario
M5K 1E6 Canada

Applicant has consented to having contact agent retain responsibility as agent of record. Undersigned attorney advises that in total the following agents of record are also now associated with the same customer number and have the authority to also act on behalf of the Applicant for the above matter:

Alfred Macchione	Reg. No. 40,333
Robert Nakano	Reg. No. 46,498 (undersigned attorney)
Brian Gray	Reg. No. 30,017
Kenneth Bousfield	Reg. No. 40,460
Christopher Hunter	Reg. No. 52,528

Undersigned attorney also advises that the attorney reference number has been changed to:

Atty's Docket No.: T01215-0080-US (123081-339654).

Applicant requests that the Patent and Trademark Office update its records for this application accordingly, and forward all correspondence to Customer Service #27155 at the address indicated above.

November 18, 2004

Date

Respectfully submitted



Robert H. Nakano
(Registration No. 46,498)

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Box 48, Toronto Dominion Bank Tower
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Telephone: (416) 601-7852
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123081-339654
TDO-RED #8247917 v. 1